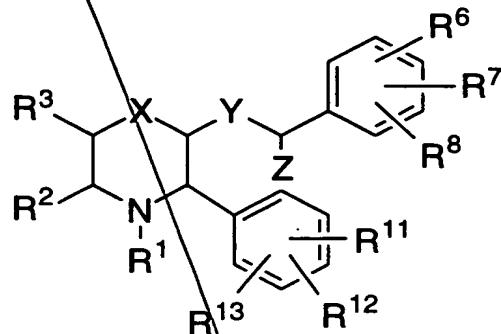


WHAT IS CLAIMED IS:

1. A compound of the structural formula:



5 or a pharmaceutically acceptable salt thereof, wherein:

R1 is selected from the group consisting of:

- (1) hydrogen;
- (2) C1-6 alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C1-6 alkoxy,
 - (d) phenyl-C1-3 alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo, wherein halo is fluoro, chloro, bromo or iodo,
 - (h) -NR9R10, wherein R9 and R10 are independently selected from:
 - (i) hydrogen,
 - (ii) C1-6 alkyl,
 - (iii) hydroxy-C1-6 alkyl, and
 - (iv) phenyl,
 - (i) -NR9COR10, wherein R9 and R10 are as defined above,
 - (j) -NR9CO2R10, wherein R9 and R10 are as defined above,

25
26
27

(k) $-\text{CONR}^9\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
(l) $-\text{COR}^9$, wherein R^9 is as defined above,
(m) $-\text{CO}_2\text{R}^9$, wherein R^9 is as defined above;
5 (n) heterocycle, wherein the heterocycle is selected from the group consisting of:
(A) benzimidazolyl,
(B) benzofuranyl,
(C) benzothiophenyl,
10 (D) benzoxazolyl,
(E) furanyl,
(F) imidazolyl,
(G) indolyl,
(H) isooxazolyl,
15 (I) isothiazolyl,
(J) oxadiazolyl,
(K) oxazolyl,
(L) pyrazinyl,
(M) pyrazolyl,
20 (N) pyridyl,
(O) pyrimidyl,
(P) pyrrolyl,
(Q) quinolyl,
(R) tetrazolyl,
25 (S) thiadiazolyl,
(T) thiazolyl,
(U) thienyl,
(V) triazolyl,
(W) azetidinyl,
30 (X) 1,4-dioxanyl,
(Y) hexahydroazepinyl,
(Z) piperazinyl,
(AA) piperidinyl,
(AB) pyrrolidinyl,

(AC) tetrahydrofuryl, and

(AD) tetrahydrothienyl,

and wherein the heterocycle is unsubstituted or substituted with one or more substituent(s)

selected from:

(i) C₁₋₆ alkyl, unsubstituted or substituted with halo, -CF₃, -OCH₃, or phenyl,

(ii) C₁₋₆ alkoxy,

(iii) oxo,

(iv) hydroxy,

(v) thioxo,

(vi) -SR⁹, wherein R⁹ is as defined above,

(vii) halo,

(viii) cyano,

(ix) phenyl,

(x) trifluoromethyl,

(xi) -(CH₂)_m-NR⁹R¹⁰, wherein m is 0, 1 or 2, and R⁹ and R¹⁰ are as defined above,

(xii) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(xiii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(xiv) -CO₂R⁹, wherein R⁹ is as defined above, and

(xv) -(CH₂)_m-OR⁹, wherein m and R⁹ are as defined above;

(3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

(a) hydroxy,

(b) oxo,

(c) C₁₋₆ alkoxy,

(d) phenyl-C₁₋₃ alkoxy,

(e) phenyl,

(f) -CN,
(g) halo,
(h) -CONR₉R₁₀ wherein R₉ and R₁₀ are as defined above,
5 (i) -COR₉ wherein R₉ is as defined above,
(j) -CO₂R₉ wherein R₉ is as defined above,
(k) heterocycle, wherein the heterocycle is as defined above;
(4) C₂-6 alkynyl;
10 (5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
(a) hydroxy,
(b) C₁-6 alkoxy,
(c) C₁-6 alkyl,
15 (d) C₂-5 alkenyl,
(e) halo,
(f) -CN,
(g) -NO₂,
(h) -CF₃,
20 (i) -(CH₂)_m-NR₉R₁₀, wherein m, R₉ and R₁₀ are as defined above,
(j) -NR₉COR₁₀, wherein R₉ and R₁₀ are as defined above,
(k) -NR₉CO₂R₁₀, wherein R₉ and R₁₀ are as defined above,
25 (l) -CONR₉R₁₀, wherein R₉ and R₁₀ are as defined above,
(m) -CO₂NR₉R₁₀, wherein R₉ and R₁₀ are as defined above,
30 (n) -COR₉, wherein R₉ is as defined above;
(o) -CO₂R₉, wherein R₉ is as defined above;

R² and R³ are independently selected from the group consisting of:

(1) hydrogen,
(2) C₁₋₆ alkyl, unsubstituted or substituted with one or more
of the substituents selected from:
5 (a) hydroxy,
(b) oxo,
(c) C₁₋₆ alkoxy,
(d) phenyl-C₁₋₃ alkoxy,
(e) phenyl,
10 (f) -CN,
(g) halo,
(h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
15 (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
(k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
(l) -COR⁹, wherein R⁹ is as defined above, and
20 (m) -CO₂R⁹, wherein R⁹ is as defined above;

(3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more
of the substituent(s) selected from:
25 (a) hydroxy,
(b) oxo,
(c) C₁₋₆ alkoxy,
(d) phenyl-C₁₋₃ alkoxy,
(e) phenyl,
(f) -CN,
30 (g) halo,
(h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined
above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above;

(4) C₂-6 alkynyl;

(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

(a) hydroxy,

5 (b) C₁-6 alkoxy,

(c) C₁-6 alkyl,

(d) C₂-5 alkenyl,

(e) halo,

10 (f) -CN,

(g) -NO₂,

(h) -CF₃,

(i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,

(j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,

15 (k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

20 (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(n) -COR⁹, wherein R⁹ is as defined above; .

(o) -CO₂R⁹, wherein R⁹ is as defined above;

25 R⁶, R⁷ and R⁸ are independently selected from the group consisting of:

(1) hydrogen;

(2) C₁-6 alkyl, unsubstituted or substituted with one or more of the substituents selected from:

(a) hydroxy,

30 (b) oxo,

(c) C₁-6 alkoxy,

(d) phenyl-C₁-3 alkoxy,

(e) phenyl,

(f) -CN,

(g) halo,
(h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
5 (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
10 (l) -COR⁹, wherein R⁹ is as defined above, and
(m) -CO₂R⁹, wherein R⁹ is as defined above;
15 (3) C₂-6 alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
(a) hydroxy,
(b) oxo,
(c) C₁-6 alkoxy,
(d) phenyl-C₁-3 alkoxy,
(e) phenyl,
20 (f) -CN,
(g) halo,
(h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above;
25 (4) C₂-6 alkynyl;
(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
(a) hydroxy,
(b) C₁-6 alkoxy,
(c) C₁-6 alkyl,
30 (d) C₂-5 alkenyl,
(e) halo,
(f) -CN,
(g) -NO₂,
(h) -CF₃,

(i) $-(CH_2)_m-NR^9R^{10}$, wherein m , R^9 and R^{10} are as defined above,

(j) $-NR^9COR^{10}$, wherein R^9 and R^{10} are as defined above,

5 (k) $-NR^9CO_2R^{10}$, wherein R^9 and R^{10} are as defined above,

(l) $-CONR^9R^{10}$, wherein R^9 and R^{10} are as defined above,

10 (m) $-CO_2NR^9R^{10}$, wherein R^9 and R^{10} are as defined above,

(n) $-COR^9$, wherein R^9 is as defined above;

(o) $-CO_2R^9$, wherein R^9 is as defined above;

15 (6) halo,

(7) $-CN$,

(8) $-CF_3$,

(9) $-NO_2$,

(10) $-SR^{14}$, wherein R^{14} is hydrogen or C1-5alkyl,

(11) $-SOR^{14}$, wherein R^{14} is as defined above,

(12) $-SO_2R^{14}$, wherein R^{14} is as defined above,

20 (13) NR^9COR^{10} , wherein R^9 and R^{10} are as defined above,

(14) $CONR^9COR^{10}$, wherein R^9 and R^{10} are as defined above,

(15) NR^9R^{10} , wherein R^9 and R^{10} are as defined above,

(16) $NR^9CO_2R^{10}$, wherein R^9 and R^{10} are as defined above,

(17) hydroxy,

25 (18) C1-6alkoxy,

(19) COR^9 , wherein R^9 is as defined above,

(20) CO_2R^9 , wherein R^9 is as defined above,

(21) 2-pyridyl,

(22) 3-pyridyl,

30 (23) 4-pyridyl,

(24) 5-tetrazolyl,

(25) 2-oxazolyl, and

(26) 2-thiazolyl;

J

~~R₁₁, R₁₂ and R₁₃ are independently selected from the definitions of R₆, R₇ and R₈;~~

X is selected from the group consisting of:

5

- (1) -O-,
- (2) -S-,
- (3) -SO-, and
- (4) -SO₂-;

10 Y is selected from the group consisting of:

- (1) a single bond,
- (2) -O-,
- (3) -S-,
- (4) -CO-,
- 15 (5) -CH₂-,
- (6) -CHR₁₅-, and
- (7) -CR₁₅R₁₆-, wherein R₁₅ and R₁₆ are independently selected from the group consisting of:

20

(a) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:

- (i) hydroxy,
- (ii) oxo,
- (iii) C₁₋₆ alkoxy,
- (iv) phenyl-C₁₋₃ alkoxy,

25

- (v) phenyl,
- (vi) -CN,
- (vii) halo,
- (viii) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

30

- (ix) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (x) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

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(xi) ~~-CONR₉R₁₀, wherein R₉ and R₁₀ are as defined above,~~
(xii) ~~-COR₉, wherein R₉ is as defined above, and~~
(xiii) ~~-CO₂R₉, wherein R₉ is as defined above;~~

5

(b) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

(i) hydroxy,
(ii) C₁₋₆ alkoxy,
(iii) C₁₋₆ alkyl,
(iv) C₂₋₅ alkenyl,
(v) halo,
(vi) -CN,
(vii) -NO₂,
(viii) -CF₃,
(ix) -(CH₂)_m-NR₉R₁₀, wherein m, R₉ and R₁₀ are as defined above,
(x) -NR₉COR₁₀, wherein R₉ and R₁₀ are as defined above,
(xi) -NR₉CO₂R₁₀, wherein R₉ and R₁₀ are as defined above,
(xii) -CONR₉R₁₀, wherein R₉ and R₁₀ are as defined above,
(xiii) -CO₂NR₉R₁₀, wherein R₉ and R₁₀ are as defined above,
(xiv) -COR₉, wherein R₉ is as defined above, and
(xv) -CO₂R₉, wherein R₉ is as defined above; and

Z is C₁₋₆ alkyl.

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2. The compound of Claim 1 wherein:
R1 is C1-6 alkyl, substituted with one or more of the substituents
selected from:

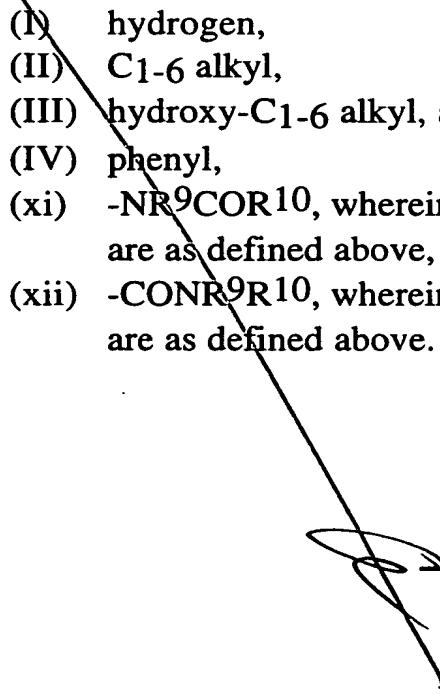
5 heterocycle, wherein the heterocycle is selected from the
group consisting of:

- (A) benzimidazolyl,
- (B) imidazolyl,
- (C) isooxazolyl,
- (D) isothiazolyl,
- (E) oxadiazolyl,
- (F) pyrazinyl,
- (G) pyrazolyl,
- (H) pyridyl,
- (I) pyrrolyl,
- (J) tetrazolyl,
- (K) thiadiazolyl,
- (L) triazolyl, and
- (M) piperidinyl,

10 and wherein the heterocycle is unsubstituted or
15 substituted with one or more substituent(s) selected
from:

- (i) C1-6 alkyl, unsubstituted or substituted
with halo, -CF3, -OCH3, or phenyl,
- (ii) C1-6 alkoxy,
- (iii) oxo,
- (iv) thioxo,
- (v) cyano,
- (vi) -SCH3,
- (vii) phenyl,
- (viii) hydroxy,
- (ix) trifluoromethyl, and
- (x) -(CH2)m-NR9R10, wherein m is 0, 1 or
2, and wherein R9 and R10 are
30 independently selected from:

~~(I) hydrogen,
(II) C1-6 alkyl,
(III) hydroxy-C1-6 alkyl, and
(IV) phenyl,
(xi) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰
are as defined above, and
(xii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰
are as defined above.~~



3. The compound of Claim 1 wherein:

R₂ and R₃ are independently selected from the group consisting of:

5 (1) hydrogen,
(2) C₁₋₆ alkyl,
(3) C₂₋₆ alkenyl, and
(4) phenyl;

R₆, R₇ and R₈ are independently selected from the group consisting of:

10 (1) hydrogen,
(2) C₁₋₆ alkyl,
(3) fluoro,
(4) chloro,
(5) bromo,
15 (6) iodo, and
(7) -CF₃;

R₁₁, R₁₂ and R₁₃ are independently selected from the group consisting of:

20 (1) hydrogen,
(2) C₁₋₆ alkyl,
(3) fluoro,
(4) chloro,
(5) bromo,
25 (6) iodo, and
(7) -CF₃;

X is -O-;

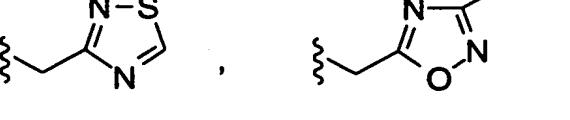
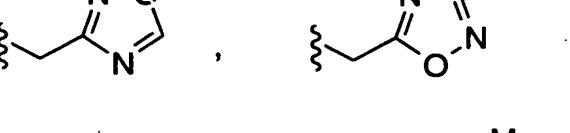
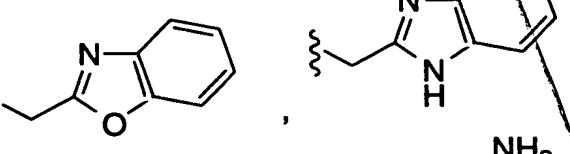
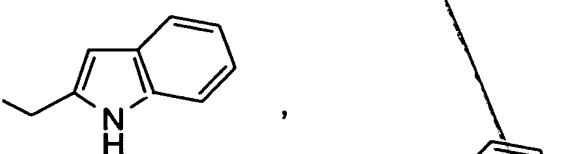
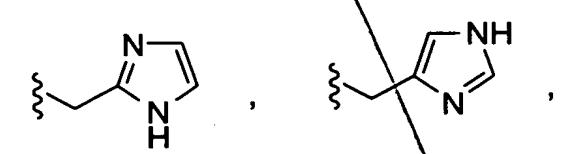
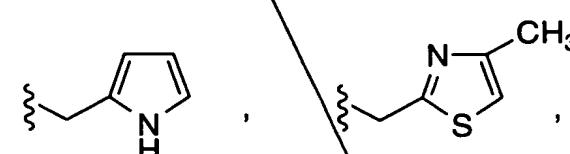
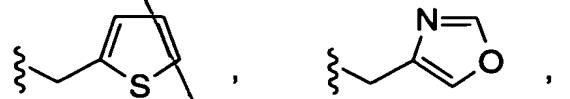
Y is -O-; and

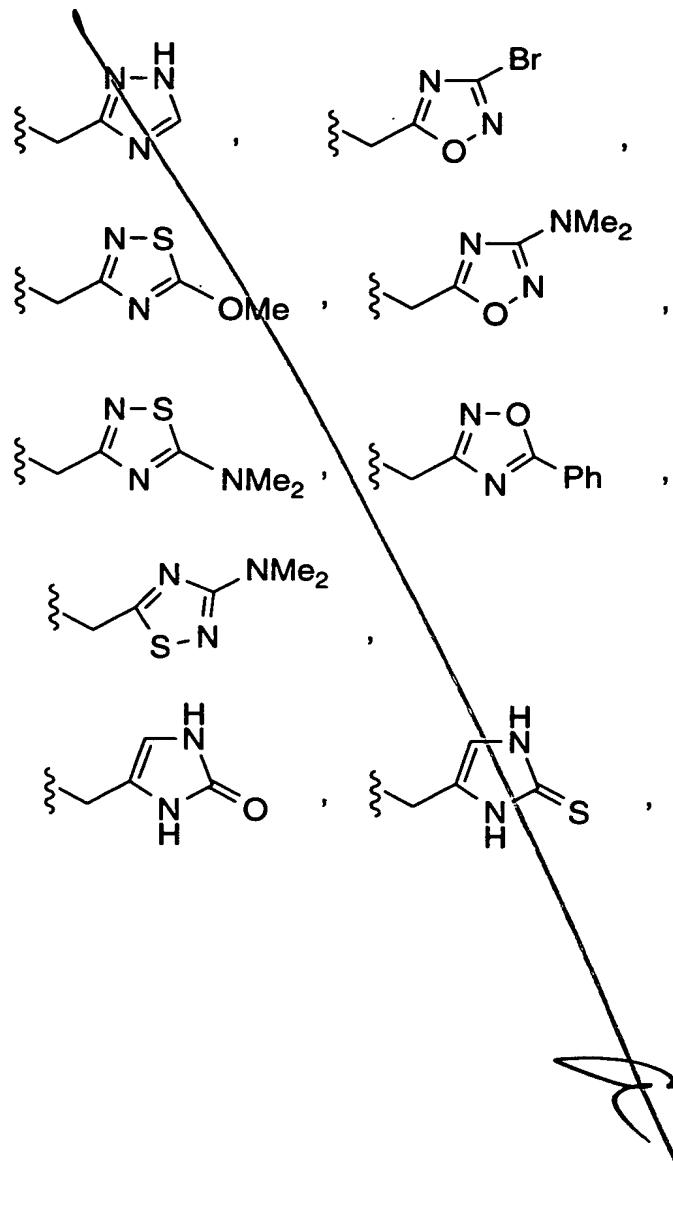
Z is C₁₋₄ alkyl.

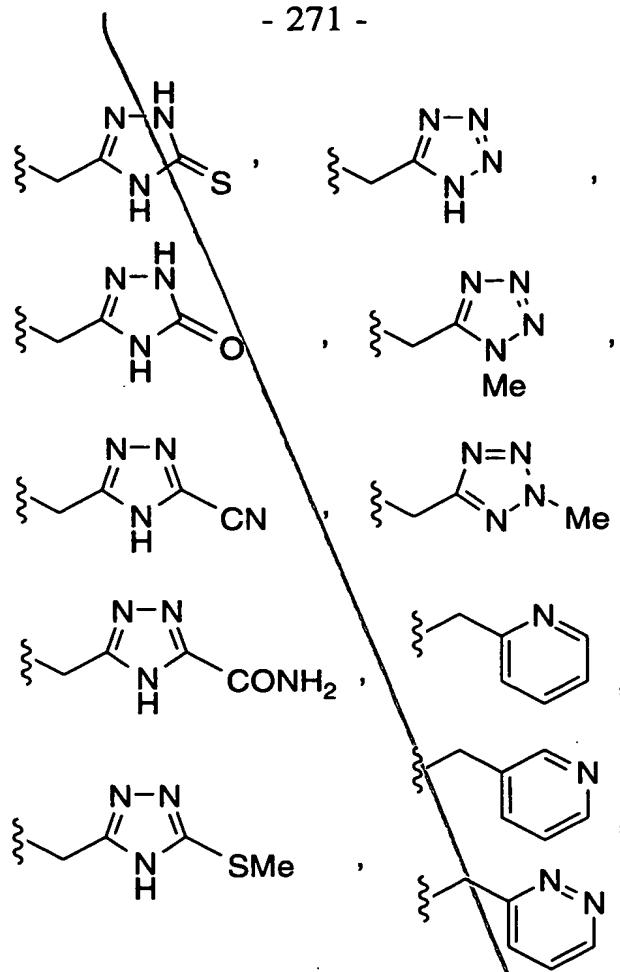
30 4. The compound of Claim 1 wherein Z is C₁₋₄ alkyl.

5. The compound of Claim 1 wherein Z is -CH₃.

6. The compound of Claim 1 wherein R1 is selected from the group consisting of:







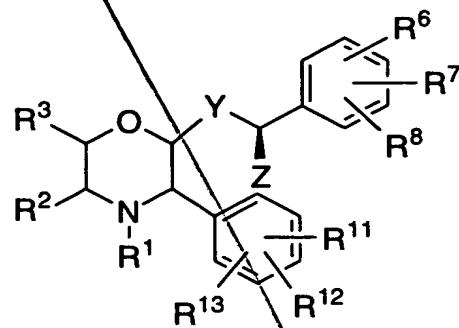
7. The compound of Claim 1 wherein R¹ is selected from the group consisting of:

5 (1,2,4-triazolo)methyl; and
(5-oxo-1H,4H-1,2,4-triazolo)methyl.

8. The compound of Claim 1 wherein R¹ is selected from the group consisting of:

10 (1,3-imidazolo)methyl; and
(2-oxo-1,3-imidazolo)methyl.

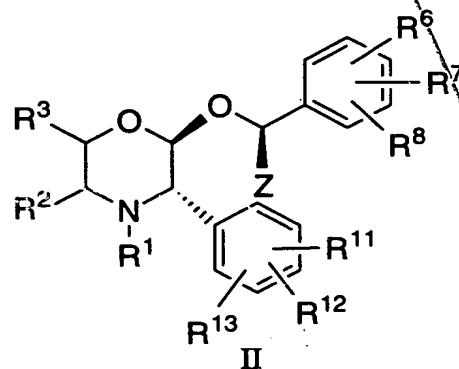
9. The compound of Claim 1 of the structural formula:



or a pharmaceutically acceptable salt thereof, wherein R1, R2, R3, R6, R7, R8, R11, R12, R13, Y and Z are as defined in Claim 1.

5

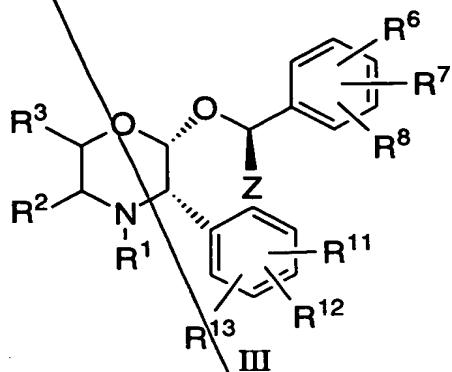
10. The compound of Claim 1 of the structural formula II:



or a pharmaceutically acceptable salt thereof, wherein R1, R2, R3, R6, R7, R8, R11, R12, R13 and Z are as defined in Claim 1.

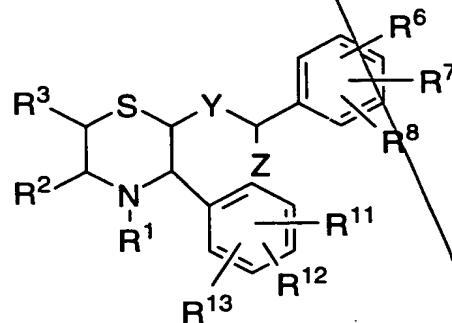
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11. The compound of Claim 1 of the structural formula III:



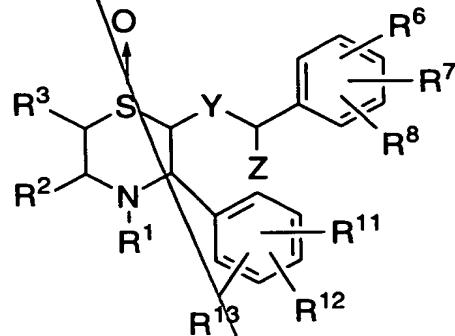
or a pharmaceutically acceptable salt thereof, wherein R¹, R², R³, R⁶,
5 R⁷, R⁸, R¹¹, R¹², R¹³ and Z are as defined in Claim 1.

12. The compound of Claim 1 of the structural formula:



or a pharmaceutically acceptable salt thereof, wherein R¹, R², R³, R⁶,
10 R⁷, R⁸, R¹¹, R¹², R¹³, Y and Z are as defined in Claim 1.

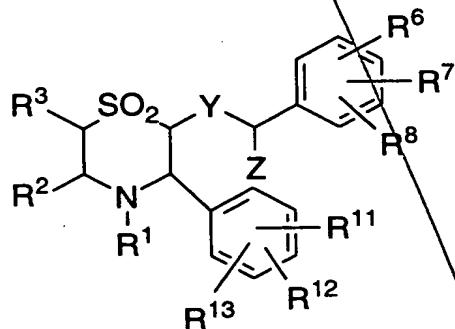
13. The compound of Claim 1 of the structural formula:



or a pharmaceutically acceptable salt thereof, wherein R^1 , R^2 , R^3 , R^6 , R^7 , R^8 , R^{11} , R^{12} , R^{13} , Y and Z are as defined in Claim 1.

5

14. The compound of Claim 1 of the structural formula:



or a pharmaceutically acceptable salt thereof, wherein R^1 , R^2 , R^3 , R^6 , R^7 , R^8 , R^{11} , R^{12} , R^{13} , Y and Z are as defined in Claim 1.

10

15. A compound which is selected from the group consisting of:

- 1) (+/-)-2-(3,5-bis(trifluoromethyl)benzyloxy)-3-phenylmorpholine;
- 2) (2R,S)-(3,5-bis(trifluoromethyl)benzyloxy)-(3R)-phenyl-(6R)-methyl-morpholine;
- 10 3) (2R,S)-(3,5-bis(trifluoromethyl)benzyloxy)-(3S)-phenyl-(6R)-methyl-morpholine;
- 4) (+/-)-2-(3,5-bis(trifluoromethyl)benzyloxy)-3-phenyl-4-methylcarboxamido-morpholine;
- 15 5) (+/-)-2-(3,5-bis(trifluoromethyl)benzyloxy)-3-phenyl-4-methoxy-carbonylmethyl-morpholine;
- 6) 2-(2-(3,5-bis(trifluoromethyl)phenyl)ethenyl)-3-phenyl-5-oxo-morpholine;
- 20 7) 3-phenyl-2-(2-(3,5-bis(trifluoromethyl)phenyl)-ethyl)-morpholine;
- 25 8) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-6-(S)-methyl-morpholine;
- 9) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-6-(S)-methyl-morpholine;
- 30 10) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-6-(S)-methyl-morpholine;
- 11) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-6-(S)-

methyl-morpholine;

5 12) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(R)-methyl-morpholine;

10 13) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(R)-methyl-morpholine;

14) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(R)-methyl-morpholine;

15 15) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(R)-methyl-morpholine;

16) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-morpholine;

17) 4-(3-(1,2,4-triazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-morpholine;

20 18) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-morpholine;

19) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-6-(R)-methyl-morpholine;

25 20) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-6-(R)-methyl-morpholine;

21) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-6-(R)-methyl-morpholine;

30 22) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-6-(R)-methyl-morpholine;

23) 2-(R)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-5-(S)-methyl-morpholine;

5 24) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(S)-methyl-morpholine;

10 25) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(S)-methyl-morpholine;

15 26) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(R)-phenyl-morpholine;

20 27) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-phenyl-5-(R)-phenyl-morpholine;

25 28) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(S)-phenyl-morpholine;

30 29) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-5-(S)-phenyl-morpholine;

35 30) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-6-(R)-methyl-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

40 31) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-6-(R)-methyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-3-(S)-phenyl-morpholine;

45 32) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-morpholine;

50 33) 4-(3-(1,2,4-triazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-morpholine;

34) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(R)-phenyl-morpholine;

5 35) 4-(2-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoro-methyl)-benzyloxy)-3-(R)-phenyl-morpholine;

36) 4-(4-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(R)-phenyl-morpholine;

10 37) 4-(aminocarbonylmethyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(R)-phenyl-morpholine;

38) 4-(2-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-morpholine;

15 39) 4-(4-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-morpholine;

40) 4-(2-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-6-(R)-methyl-morpholine;

20 41) 4-(4-(imidazolo)methyl)-2-(S)-(3,5-bis(trifluoromethyl)-benzyloxy)-3-(S)-phenyl-6(R)-methyl-morpholine;

42) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-((6-hydroxy)-hexyl)-3-(R)-phenyl-morpholine;

25 43) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(5-(methylamino-carbonyl)pentyl)-3-(R)-phenyl-morpholine;

30 44) 4-(3-(1,2,4-triazolo)methyl)-2-(3,5-dimethylbenzyloxy)-3-phenylmorpholine;

45) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3,5-dimethyl)-

benzyloxy)-3-phenyl-morpholine;

46) 4-(3-(1,2,4-triazolo)methyl)-2-(3,5-di(tert-butyl)-benzyloxy)-3-phenylmorpholine;

5 47) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3,5-di(tert-butyl)-benzyloxy)-3-phenyl-morpholine;

10 48) 4-(3-(1,2,4-triazolo)methyl)-2-(3-(tert-butyl)-5-methyl-benzyloxy)-3-phenyl-morpholine;

49) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3-(tert-butyl)-5-methylbenzyloxy)-3-phenyl-morpholine;

15 50) 4-(3-(1,2,4-triazolo)methyl)-2-(3-(trifluoro-methyl)-5-methyl-benzyloxy)-3-phenyl-morpholine;

51) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3-(trifluoro-methyl)-5-methylbenzyloxy)-3-phenyl-morpholine;

20 52) 4-(3-(1,2,4-triazolo)methyl)-2-(3-(tert-butyl)-5-(trifluoro-methyl)benzyloxy)-3-phenyl-morpholine;

53) 4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-2-(3-(tert-butyl)-5-(trifluoromethyl)benzyloxy)-3-phenyl-morpholine;

25 54) 4-(2-(imidazolo)methyl)-2-(3,5-dimethyl-benzyloxy)-3-phenyl-morpholine;

30 55) 4-(4-(imidazolo)methyl)-2-(3,5-dimethyl-benzyloxy)-3-phenyl-morpholine;

56) 4-(2-(imidazolo)methyl)-2-(3,5-di(tert-butyl)-benzyloxy)-3-phenyl-morpholine;

57) 4-(4-(imidazolo)methyl)-2-(3,5-di(tert-butyl)-benzyloxy)-3-phenyl-morpholine;

5 58) 4-(2-(imidazolo)methyl)-2-(3-(tert-butyl)-5-methylbenzyloxy)-3-phenyl-morpholine;

10 59) 4-(4-(imidazolo)methyl)-2-(3-(tert-butyl)-5-methylbenzyloxy)-3-phenyl-morpholine;

15 60) 4-(2-(imidazolo)methyl)-2-(3-(trifluoro-methyl)-5-methylbenzyloxy)-3-phenyl-morpholine;

61) 4-(4-(imidazolo)methyl)-2-(3-(trifluoro-methyl)-5-methylbenzyloxy)-3-phenyl-morpholine;

15 62) 4-(2-(imidazolo)methyl)-2-(3-(tert-butyl)-5-(trifluoromethyl)-benzyloxy)-3-phenyl-morpholine;

20 63) 2-(S)-(3,5-dichlorobenzyloxy)-3-(S)-phenyl-morpholine;

64) 2-(S)-(3,5-dichlorobenzyloxy)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-3-(S)-phenylmorpholine;

25 65) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(methoxycarbonyl-methyl)-3-(S)-phenyl-morpholine;

66) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(carboxymethyl)-3-(S)-phenyl-morpholine;

30 67) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-((2-aminoethyl)-aminocarbonylmethyl)-3-(S)-phenyl-morpholine;

68) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-((3-aminopropyl)-

amino carbonylmethyl)-3-(S)-phenylmorpholine;

69) 4-benzyl-5-(S),6-(R)-dimethyl-3-(S)-phenylmorpholinone and 4-benzyl-5-(R),6-(S)-dimethyl-3-(S)-phenyl-morpholinone;

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70) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-[5-(S),6-(R) or 5-(R),6-(S)-dimethyl]-3-(S)-phenyl-morpholinone;

10

71) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-[5-(R),6-(S) or 5-(S),6-(R)-dimethyl]-3-(S)-phenyl-morpholinone;

15

72) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(3-(1,2,4-triazolo)methyl)-[5-(S),6-(R) or 5-(R),6-(S)-dimethyl]-3-(S)-phenyl-morpholinone;

73) 2-(R)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo) methyl)-[5-(S),6-(R) or 5-(R),6-(S)-dimethyl]-3-(S)-phenyl-morpholinone;

20

74) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(3-(1,2,4-triazolo)methyl)-[5-(R),6-(S) or 5-(S),6-(R)-dimethyl]-3-(S)-phenyl-morpholinone;

25

75) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-[5-(R),6-(S) or 5-(S),6-(R)-dimethyl]-3-(S)-phenyl-morpholinone;

30

76) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(2-(1-(4-benzyl)piperidino)ethyl)-3-(S)-phenyl-morpholine;

77) 3-(S)-(4-fluorophenyl)-4-benzyl-2-morpholinone;

78) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-(4-fluorophenyl)-4-benzyl-morpholine;

79) 2-(S)-(3,5-Bis(trifluoromethyl)benzyloxy)-3-(S)-(4-fluorophenyl)morpholine;

5 80) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-3-(S)-(4-fluorophenyl)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;

10 81) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-((3-pyridyl)methyl carbonyl)-3-(R)-phenyl-morpholine;

15 82) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(methoxycarbonylpentyl)-3-(R)-phenyl-morpholine;

83) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(carboxypentyl)-3-(R)-phenyl-morpholine;

15 84) 2-(S)-(3,5-bis(trifluoromethyl)benzyloxy)-4-(methylamino-carbonylpentyl)-6-oxo-hexyl)-3-(R)-phenyl-morpholine;

20 85) 2-(R)-(3,5-bis(trifluoromethyl)benzoyloxy)-3-(S)-phenyl-4-benzyl-morpholine;

25 86) 2-(R)-(1-(3,5-bis(trifluoromethyl)phenyl)ethenyloxy)-3-(S)-phenyl-4-benzyl-morpholine;

87) 2-(R)-(1-(S)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

30 88) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

89) 2-(R)-(1-(S)-(3,5-Bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;

90) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;

5 93) 2-(R)-(1-(S)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

94) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

10 95) 2-(R)-(1-(S)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;

15 96) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;

98) 2-(R)-(1-(R)-(1-(3-(methyl)naphthyl))ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl-morpholine;

20 99) 2-(R)-(1-(R)-(3-(fluoro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

100) 2-(R)-(1-(R)-(3-(fluoro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;

25 101) 2-(R)-(1-(R)-(3-(chloro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

30 102) 2-(R)-(1-(R)-(3-(chloro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl-morpholine;

103) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

104) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 105) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

10 106) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

107) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

15 108) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

109) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

20 110) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 111) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

112) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 113) 2-(R)-(1-(R)-(3-(isopropoxy)-5-trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

114) 2-(R)-(1-(R)-(3-(isopropoxy)-5-trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 115) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

10 116) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

117) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

15 118) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

121) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

20 122) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

123) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

25 124) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

125) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

30 126) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

127) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chlorophenyl)ethoxy)-3-(S)-phenyl-morpholine;

5 128) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chlorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

10 129) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluorophenyl)ethoxy)-3-(S)-phenyl-morpholine;

130) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

15 131) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-chlorophenyl)ethoxy)-3-(S)-phenyl-morpholine;

132) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-chlorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 133) 2-(R)-(1-(R)-(3,5-(dichlorophenyl)ethoxy)-3-(S)-phenyl-morpholine;

25 134) 2-(R)-(1-(R)-(3,5-(dichlorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

135) 2-(R)-(1-(R)-(3,5-(difluorophenyl)ethoxy)-3-(S)-phenyl-morpholine;

30 136) 2-(R)-(1-(R)-(3,5-(difluorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

153) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-morpholine;

5 154) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

157) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 158) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

15 161) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

162) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 165) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

166) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 169) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;

170) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;

30 173) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;

174) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;

5 177) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;

178) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;

10 181) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

182) 2-(R)-(1-(R)-(2-fluoro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

15 185) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-morpholine;

20 186) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

189) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

25 190) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

193) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 194) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

197) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

5 198) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

201) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;

10 202) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;

205) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;

15 206) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;

209) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;

20 210) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;

25 213) 2-(R)-(1-(R)-(2-chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

30 214) 2-(R)-(1-(R)-(2-Chloro-5-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

217) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-morpholine;

218) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

221) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

5 222) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 225) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1,2,4-triazolo)methyl)-morpholine;

15 226) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 229) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 230) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

30 233) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;

234) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;

237) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;

238) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;

241) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;

242) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;

5 245) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

246) 2-(R)-(1-(R)-(3-methyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

10 249) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-morpholine;

250) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

15 253) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl-morpholine;

20 254) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl-morpholine;

257) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 258) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

261) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

30 262) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

265) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;

266) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;

5 269) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;

10 270) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;

15 273) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;

274) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;

277) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

20 278) 2-(R)-(1-(R)-(3-bromo)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

281) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-morpholine;

25 282) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

285) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

30 286) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

289) 2-(R)-1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 290) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

293) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

10 294) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

297) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;

15 298) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;

301) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;

20 302) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;

25 305) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;

306) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;

30 309) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

310) 2-(R)-(1-(R)-(3-chloro)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

5 313) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-morpholine;

314) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

10 317) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-1H,4H-1,2,4-triazolo)methyl-morpholine;

318) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl-morpholine;

15 321) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

322) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 325) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 326) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

30 329) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;

330) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;

333) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;

5 334) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;

337) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;

10 338) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;

341) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

15 342) 2-(R)-(1-(R)-(3-trifluoromethyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

345) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-morpholine;

20 346) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

349) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

25 350) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

30 353) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

354) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

357) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl-morpholine;

5 358) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

10 361) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(2-imidazolo)methyl-morpholine;

15 362) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-imidazolo)methyl-morpholine;

365) 2-(R)-(1-(R)-(3-t-butyl)phenylethoxy)-3-(S)-phenyl-4-(4-imidazolo)methyl-morpholine;

15 366) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-imidazolo)methyl-morpholine;

20 369) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-phenyl-4-(5-tetrazolo)methyl-morpholine;

370) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(5-tetrazolo)methyl-morpholine;

25 373) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

30 374) 2-(R)-(1-(R)-(3-(t-butyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(2-oxo-5H-pyrrol-4-yl)methyl-morpholine;

378) 2-(R)-(1-(R)-(2,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-morpholine;

379) 2-(R)-(1-(R)-(2,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 380) 2-(R)-(1-(R)-(2,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 381) 2-(R)-(1-(R)-(2,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

15 382) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

20 383) 2-(R)-(1-(R)-(3-(thiomethylphenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 384) 2-(R)-(1-(R)-(3-(thiomethylphenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

30 385) 2-(R)-(1-(R)-(3-(thiomethylphenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

35 386) 2-(R)-(1-(R)-(3-(thiomethyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

387) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

388) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

389) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

394) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

5 395) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

396) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 397) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

15 398) 2-(R)-(1-(R)-(3-(fluoro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluorophenyl)-morpholine;

399) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 400) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

401) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 402) 2-(R)-(1-(R)-(3-(chloro)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

403) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 404) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

405) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

5 406) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

10 407) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

408) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

15 409) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

410) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

20 411) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

412) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

25 413) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

30 414) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

415) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 416) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 417) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

15 418) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

20 419) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 420) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

30 421) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

422) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

423) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

424) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

425) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

5 426) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

427) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

10 428) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

15 429) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

430) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

20 431) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 432) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

433) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

30 434) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

435) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 436) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

437) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

10 438) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chlorophenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

439) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chlorophenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

15 440) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chlorophenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

20 441) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chlorophenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

442) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

25 443) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 444) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

445) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

5 446) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

10 447) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

448) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

15 449) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

450) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

20 451) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 452) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

453) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

30 454) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

455) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 456) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 457) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

458) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

15 459) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 460) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

461) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 462) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

30 463) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

464) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

465) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

5 466) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

10 467) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

15 468) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

20 469) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

494) 2-(R)-(1-(R)-(3-(thiomethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

25 495) 2-(R)-(1-(R)-(3-(thiomethylphenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

496) 2-(R)-(1-(R)-(3-(thiomethylphenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

30 497) 2-(R)-(1-(R)-(3-(thiomethylphenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

498) 2-(R)-(1-(R)-(3-(thiomethyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

499) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 500) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 501) 2-(R)-(1-(R)-(3-(thiomethyl-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

506) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

15 507) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 508) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

509) 2-(R)-(1-(R)-(3,5-(dimethoxy)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 510) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-phenyl-morpholine;

511) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 512) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

513) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

514) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl morpholine;

515) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-
5 oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

516) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-
10 triazolo)methyl)-morpholine;

517) 2-(R)-(1-(R)-(phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-
oxo-1,3-imidazolo)methyl)-morpholine;

518) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

15 519) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-
oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

520) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-
20 triazolo)methyl)-morpholine;

521) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-
oxo-1,3-imidazolo)methyl)-morpholine;

25 522) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-
morpholine;

523) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(
3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 524) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(
3-(1,2,4-triazolo)methyl)-morpholine;

525) 2-(R)-(1-(R)-(3-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(
31 (4-(2-oxo-1,3-imidazolo)methyl)-morpholine);

526) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-morpholine;

5 527) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

528) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 529) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

530) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-morpholine;

15 531) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 532) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

533) 2-(R)-(1-(R)-(4-(fluoro)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 534) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3-fluoro)phenyl-morpholine;

535) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 536) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3-fluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

537) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3-fluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

5 538) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-difluoro)phenyl-morpholine;

10 539) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-difluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

15 540) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-difluoro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

20 541) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-difluoro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 542) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dichloro)phenyl-morpholine;

30 543) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dichloro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

544) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dichloro)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

545) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dichloro)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

30 546) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dimethyl)phenyl-morpholine;

547) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dimethyl)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

5 548) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dimethyl)phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 549) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(3,4-dimethyl)phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

15 550) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-3,4-methylenedioxyphenyl-morpholine;

20 551) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-3,4-methylenedioxyphenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 552) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-3,4-methylenedioxyphenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

30 553) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-3,4-methylenedioxyphenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 554) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(2-naphthyl)-morpholine;

555) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(2-naphthyl)-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 556) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(2-naphthyl)-4-(3-(1,2,4-triazolo)methyl)-morpholine;

557) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(2-naphthyl)-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

5 558) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 559) 2-(R)-(1-(R)-(3-(fluorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

15 560) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

20 561) 2-(R)-(1-(R)-(3-(chlorophenyl)-5-(trifluoromethyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

25 562) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

30 563) 2-(R)-(1-(R)-(3,5-(dimethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

564) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

565) 2-(R)-(1-(R)-(3-(fluoro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

566) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 567) 2-(R)-(1-(R)-(3-(chloro)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

568) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

5 569) 2-(R)-(1-(R)-(3-(bromo)-5-(methyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

570) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 571) 2-(R)-(1-(R)-(3-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

572) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

15 573) 2-(R)-(1-(R)-(3-(isopropoxy)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

574) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

20 575) 2-(R)-(1-(R)-(3-(chloro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

576) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 577) 2-(R)-(1-(R)-(3-(fluoro)-5-(isopropoxy)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

30 578) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

579) 2-(R)-(1-(R)-(3-(t-butyl)-5-(chlorophenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

580) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

581) 2-(R)-(1-(R)-(3-(t-butyl)-5-(trifluoromethyl)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

10 582) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

583) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(fluorophenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

15 584) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chlorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

585) 2-(R)-(1-(R)-(3,5-(dimethyl)-4-(chlorophenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

20 586) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

25 587) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(fluorophenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

588) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chlorophenyl)ethoxy)-3-(S)-phenyl-4-(3-(1H,4H-1,2,4-triazolo)methyl)-morpholine;

30 589) 2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)-4-(chlorophenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

590) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(-1H,4H-1,2,4-triazolo)methyl)-morpholine;

591) 2-(R)-(1-(R)-(3,5-(dichloro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

592) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(3-(1,2,4-triazolo)methyl)-morpholine;

10 593) 2-(R)-(1-(R)-(3,5-(difluoro)phenyl)ethoxy)-3-(S)-phenyl-4-(4-(2-oxo-1,3-imidazolo)methyl)-morpholine;

or a pharmaceutically acceptable salt thereof.

15

16. A compound which is:

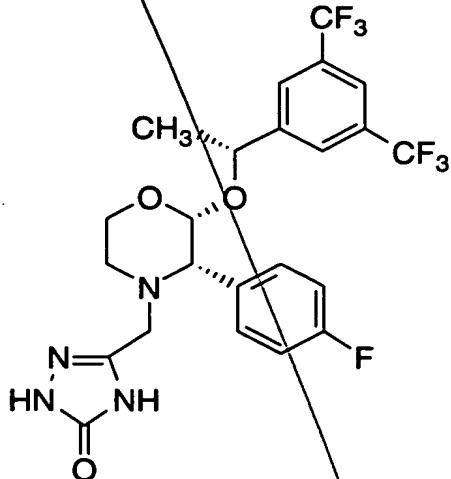
5

2-(R)-(1-(R)-(3,5-bis(trifluoromethyl)phenyl)ethoxy)-3-(S)-(4-fluoro)phenyl-4-(3-(5-oxo-1H,4H-1,2,4-triazolo)methylmorpholine;

or a pharmaceutically acceptable salt thereof.

10

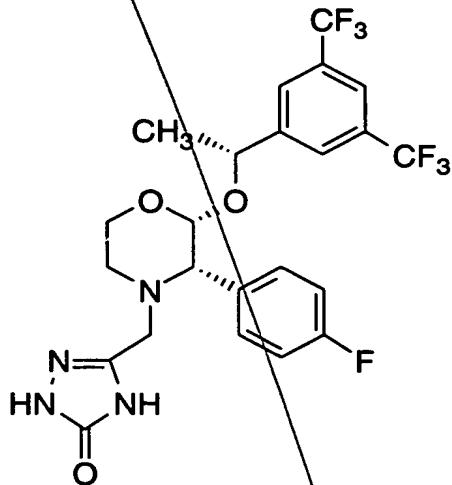
17. A compound which is:



or a pharmaceutically acceptable salt thereof.

18. A pharmaceutical composition comprising a pharmaceutically acceptable carrier and an effective amount of the compound of Claim 1.

5 19. A pharmaceutical composition comprising a pharmaceutically acceptable carrier and an effective amount of the compound of a compound which is:



or a pharmaceutically acceptable salt thereof.

10

20. A method for antagonizing the effect of substance P at its receptor site or for the blockade of neurokinin-1 receptors in a mammal which comprises the administration to the mammal of the compound of Claim 1 in an amount that is effective for antagonizing the effect of substance P at its receptor site in the mammal.

21. A method for antagonizing the effect of neurokinin A at its receptor site or for the blockade of neurokinin-2 receptors in a mammal which comprises the administration to the mammal of the compound of Claim 1 in an amount that is effective for antagonizing the effect of neurokinin A at its receptor site in the mammal.

22. A method of treating or preventing pain or nociception attributable to or associated with migraine in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1.

5

23. A method of treating or preventing a condition selected from the group consisting of: diabetic neuropathy; peripheral neuropathy; AIDS related neuropathy; chemotherapy-induced neuropathy; and neuralgia, in a mammal in need thereof which

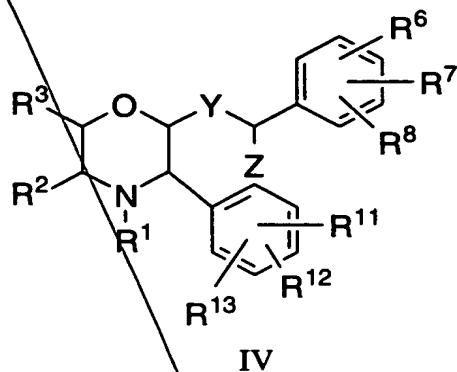
10 comprises the administration to the mammal of an effective amount of the compound of Claim 1.

24. A method for the treatment or prevention of asthma in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1, either alone or in combination with a neurokinin-2 receptor antagonist or with a β_2 -adrenergic receptor agonist.

15 25. A method for the treatment of cystic fibrosis in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1.

20 25. A method for the treatment or prevention of emesis in a mammal in need thereof which comprises the administration to the mammal of an effective amount of the compound of Claim 1.

27. A process for the preparation of a compound of structural formula IV:



or a pharmaceutically acceptable salt thereof, wherein:

5

R¹ is selected from the group consisting of:

- (1) hydrogen;
- (2) C₁-6 alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁-6 alkoxy,
 - (d) phenyl-C₁-3 alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo, wherein halo is fluoro, chloro, bromo or iodo,
 - (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are independently selected from:
 - (i) hydrogen,
 - (ii) C₁-6 alkyl,
 - (iii) hydroxy-C₁-6 alkyl, and
 - (iv) phenyl,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(k) ~~-CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,~~

(l) ~~-COR⁹, wherein R⁹ is as defined above,~~

(m) ~~-CO₂R⁹, wherein R⁹ is as defined above;~~

5 (n) heterocycle, wherein the heterocycle is selected from the group consisting of:

(A) benzimidazolyl,

(B) benzofuranyl,

(C) benzothiophenyl,

10 (D) benzoxazolyl,

(E) furanyl,

(F) imidazolyl,

(G) indolyl,

(H) isooxazolyl,

15 (I) isothiazolyl,

(J) oxadiazolyl,

(K) oxazolyl,

(L) pyrazinyl,

(M) pyrazolyl,

20 (N) pyridyl,

(O) pyrimidyl,

(P) pyrrolyl,

(Q) quinolyl,

(R) tetrazolyl,

25 (S) thiadiazolyl,

(T) thiazolyl,

(U) thienyl,

(V) triazolyl,

(W) azetidinyl,

30 (X) 1,4-dioxanyl,

(Y) hexahydroazepinyl,

(Z) piperazinyl,

(AA) piperidinyl,

(AB) pyrrolidinyl,

(AC) tetrahydrofuryl, and

(AD) tetrahydrothienyl,

and wherein the heterocycle is unsubstituted or substituted with one or more substituent(s)

selected from:

(i) C₁₋₆ alkyl, unsubstituted or substituted with halo, -CF₃, -OCH₃, or phenyl,

(ii) C₁₋₆ alkoxy,

(iii) oxo,

(iv) hydroxy,

(v) thioxo,

(vi) -SR⁹, wherein R⁹ is as defined above,

(vii) halo,

(viii) cyano,

(ix) phenyl,

(x) trifluoromethyl,

(xi) -(CH₂)_m-NR⁹R¹⁰, wherein m is 0, 1 or 2, and R⁹ and R¹⁰ are as defined above,

(xii) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(xiii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(xiv) -CO₂R⁹, wherein R⁹ is as defined above, and

(xv) -(CH₂)_m-OR⁹, wherein m and R⁹ are as defined above;

(3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

(a) hydroxy,

(b) oxo,

(c) C₁₋₆ alkoxy,

(d) phenyl-C₁₋₃ alkoxy,

(e) phenyl,

(f) -CN,
(g) halo,
(h) -CONR₉R₁₀ wherein R₉ and R₁₀ are as defined above,
5 (i) -COR₉ wherein R₉ is as defined above,
(j) -CO₂R₉, wherein R₉ is as defined above,
(k) heterocycle, wherein the heterocycle is as defined above;
10 (4) C₂-6 alkynyl;
(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
(a) hydroxy,
(b) C₁-6 alkoxy,
(c) C₁-6 alkyl,
15 (d) C₂-5 alkenyl,
(e) halo,
(f) -CN,
(g) -NO₂,
(h) -CF₃,
20 (i) -(CH₂)_m-NR₉R₁₀, wherein m, R₉ and R₁₀ are as defined above,
(j) -NR₉COR₁₀, wherein R₉ and R₁₀ are as defined above,
25 (k) -NR₉CO₂R₁₀, wherein R₉ and R₁₀ are as defined above,
(l) -CONR₉R₁₀, wherein R₉ and R₁₀ are as defined above,
(m) -CO₂NR₉R₁₀, wherein R₉ and R₁₀ are as defined above,
30 (n) -COR₉, wherein R₉ is as defined above;
(o) -CO₂R₉, wherein R₉ is as defined above;

R² and R³ are independently selected from the group consisting of:

(1) hydrogen,
(2) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:

5 (a) hydroxy,
(b) oxo,
(c) C₁₋₆ alkoxy,
(d) phenyl-C₁₋₃ alkoxy,
(e) phenyl,
10 (f) -CN,
(g) halo,
(h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
15 (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(l) -COR⁹, wherein R⁹ is as defined above, and
20 (m) -CO₂R⁹, wherein R⁹ is as defined above;

(3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

25 (a) hydroxy,
(b) oxo,
(c) C₁₋₆ alkoxy,
(d) phenyl-C₁₋₃ alkoxy,
(e) phenyl,
(f) -CN,
30 (g) halo,
(h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above;

(4) C₂-6 alkynyl;

(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

5 (a) hydroxy,

(b) C₁-6 alkoxy,

(c) C₁-6 alkyl,

(d) C₂-5 alkenyl,

(e) halo,

(f) -CN,

10 (g) -NO₂,

(h) -CF₃,

(i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,

(j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,

15 (k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

20 (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(n) -COR⁹, wherein R⁹ is as defined above;

(o) -CO₂R⁹, wherein R⁹ is as defined above;

25 and the groups R¹ and R² may be joined together to form a heterocyclic ring selected from the group consisting of:

(a) pyrrolidinyl,

(b) piperidinyl,

(c) pyrrolyl,

30 (d) pyridinyl,

(e) imidazolyl,

(f) oxazolyl, and

(g) thiazolyl,

and wherein the heterocyclic ring is unsubstituted or

substituted with one or more substituent(s) selected from:

- (i) C1-6alkyl,
- (ii) oxo,
- (iii) C1-6alkoxy,
- 5 (iv) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (v) halo, and
- (vi) trifluoromethyl;

10 and the groups R² and R³ may be joined together to form a carbocyclic ring selected from the group consisting of:

- (a) cyclopentyl,
- (b) cyclohexyl,
- (c) phenyl,

15 and wherein the carbocyclic ring is unsubstituted or substituted with one or more substituents selected from:

- (i) C1-6alkyl,
- (ii) C1-6alkoxy,
- (iii) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- 20 (iv) halo, and
- (v) trifluoromethyl;

25 and the groups R² and R³ may be joined together to form a heterocyclic ring selected from the group consisting of:

- (a) pyrrolidinyl,
- (b) piperidinyl,
- (c) pyrrolyl,
- (d) pyridinyl,
- 30 (e) imidazolyl,
- (f) furanyl,
- (g) oxazolyl,
- (h) thienyl, and
- (i) thiazolyl,

and wherein the heterocyclic ring is unsubstituted or substituted with one or more substituent(s) selected from:

5 (i) C₁₋₆alkyl,
(ii) oxo,
(iii) C₁₋₆alkoxy,
(iv) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(v) halo, and
(vi) trifluoromethyl;

10

X is selected from the group consisting of:

15

(1) -O-,
(2) -S-,
(3) -SO-, and
(4) -SO₂-;

R⁶, R⁷ and R⁸ are independently selected from the group consisting of:

20

(1) hydrogen;
(2) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:
(a) hydroxy,
(b) oxo,
(c) C₁₋₆ alkoxy,
(d) phenyl-C₁₋₃ alkoxy,
25 (e) phenyl,
(f) -CN,
(g) halo,
(h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
30 (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

30

(l) $-\text{COR}^9$, wherein R^9 is as defined above, and
(m) $-\text{CO}_2\text{R}^9$, wherein R^9 is as defined above;

(3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

5 (a) hydroxy,
(b) oxo,
(c) C₁₋₆ alkoxy,
(d) phenyl-C₁₋₃ alkoxy,
(e) phenyl,
10 (f) -CN,
(g) halo,
(h) $-\text{CONR}^9\text{R}^{10}$ wherein R^9 and R^{10} are as defined above,
(i) $-\text{COR}^9$ wherein R^9 is as defined above,
15 (j) $-\text{CO}_2\text{R}^9$, wherein R^9 is as defined above;

(4) C₂₋₆ alkynyl;

(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

20 (a) hydroxy,
(b) C₁₋₆ alkoxy,
(c) C₁₋₆ alkyl,
(d) C₂₋₅ alkenyl,
(e) halo,
25 (f) -CN,
(g) -NO₂,
(h) -CF₃,
(i) $-(\text{CH}_2)_m\text{-NR}^9\text{R}^{10}$, wherein m , R^9 and R^{10} are as defined above,
(j) $-\text{NR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
30 (k) $-\text{NR}^9\text{CO}_2\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
(l) $-\text{CONR}^9\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,

(m) ~~-CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,~~

(n) ~~-COR⁹, wherein R⁹ is as defined above;~~

(o) ~~-CO₂R⁹, wherein R⁹ is as defined above;~~

5 (6) halo,

(7) -CN,

(8) -CF₃,

(9) -NO₂,

(10) -SR¹⁴, wherein R¹⁴ is hydrogen or C₁-5alkyl,

10 (11) -SOR¹⁴, wherein R¹⁴ is as defined above,

(12) -SO₂R¹⁴, wherein R¹⁴ is as defined above,

(13) NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(14) CONR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(15) NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

15 (16) NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(17) hydroxy,

(18) C₁-6alkoxy,

(19) COR⁹, wherein R⁹ is as defined above,

(20) CO₂R⁹, wherein R⁹ is as defined above,

20 (21) 2-pyridyl,

(22) 3-pyridyl,

(23) 4-pyridyl,

(24) 5-tetrazolyl,

(25) 2-oxazolyl, and

25 (26) 2-thiazolyl;

R¹¹, R¹² and R¹³ are independently selected from the definitions of R⁶, R⁷ and R⁸;

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Y is selected from the group consisting of:

5 (1) a single bond,
(2) -O-,
(3) -S-,
(4) -CO-,
(5) -CH₂-,
(6) -CHR₁₅-, and
(7) -CR₁₅R₁₆-, wherein R₁₅ and R₁₆ are independently selected from the group consisting of:

10 (a) C₁₋₆ alkyl, unsubstituted or substituted with one or more of the substituents selected from:

15 (i) hydroxy,
(ii) oxo,
(iii) C₁₋₆ alkoxy,
(iv) phenyl-C₁₋₃ alkoxy,
(v) phenyl,
(vi) -CN,
(vii) halo,
(viii) -NR₉R₁₀, wherein R₉ and R₁₀ are as defined above,
20 (ix) -NR₉COR₁₀, wherein R₉ and R₁₀ are as defined above,
(x) -NR₉CO₂R₁₀, wherein R₉ and R₁₀ are as defined above,
25 (xi) -CONR₉R₁₀, wherein R₉ and R₁₀ are as defined above,
(xii) -COR₉, wherein R₉ is as defined above, and
(xiii) -CO₂R₉, wherein R₉ is as defined above;

30 (b) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

(i) hydroxy,
(ii) C₁₋₆ alkoxy,
(iii) C₁₋₆ alkyl,

5

- (iv) C₂₋₅ alkenyl,
- (v) halo,
- (vi) -CN,
- (vii) -NO₂,
- (viii) -CF₃,
- (ix) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
- (x) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (xi) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (xii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (xiii) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (xiv) -COR⁹, wherein R⁹ is as defined above, and
- (xv) -CO₂R⁹, wherein R⁹ is as defined above;

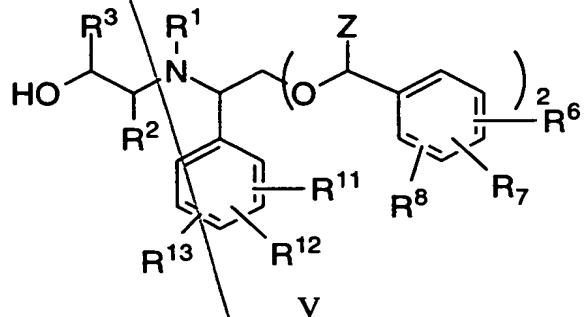
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15

20

Z is C₁₋₆ alkyl;

which comprises contacting a compound of formula V:



5 wherein R1, R2, R3, R6, R7, R8, R11, R12 and R13 are as defined above;

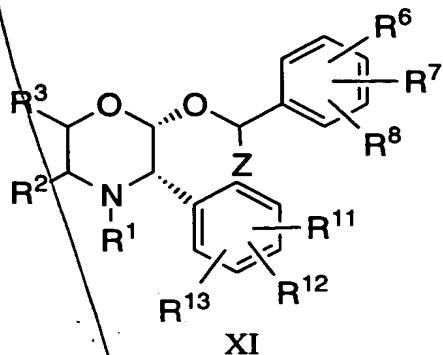
with an inorganic or an organic acid selected from the group consisting of:

10 toluenesulfonic acid, methanesulfonic acid, sulfuric acid, hydrochloric acid and mixtures thereof,

in an aprotic solvent selected from the group consisting of: toluene, benzene, dimethylformamide, tetrahydrofuran, diethylether, dimethoxyethane, ethyl acetate, and mixtures thereof,

15 at a temperature from 0°C to solvent reflux temperature for a sufficient time to produce a compound of structural formula IV.

28. A process for the preparation of a compound of structural formula XI:



or a pharmaceutically acceptable salt thereof, wherein:

5 R¹ is selected from the group consisting of:

- (1) hydrogen;
- (2) C₁-6 alkyl, unsubstituted or substituted with one or more of the substituents selected from:
 - (a) hydroxy,
 - (b) oxo,
 - (c) C₁-6 alkoxy,
 - (d) phenyl-C₁-3 alkoxy,
 - (e) phenyl,
 - (f) -CN,
 - (g) halo,
 - (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are independently selected from:
 - (i) hydrogen,
 - (ii) C₁-6 alkyl,
 - (iii) hydroxy-C₁-6 alkyl, and
 - (iv) phenyl,
 - (i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
 - (j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(k) ~~-CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,~~

(l) ~~-COR⁹, wherein R⁹ is as defined above,~~

(m) ~~-CO₂R⁹, wherein R⁹ is as defined above;~~

5 (n) heterocycle, wherein the heterocycle is selected from the group consisting of:

(A) benzimidazolyl,

(B) benzofuranyl,

(C) benzothiophenyl,

10 (D) benzoxazolyl,

(E) furanyl,

(F) imidazolyl,

(G) indolyl,

(H) isooxazolyl,

15 (I) isothiazolyl,

(J) oxadiazolyl,

(K) oxazolyl,

(L) pyrazinyl,

(M) pyrazolyl,

20 (N) pyridyl,

(O) pyrimidyl,

(P) pyrrolyl,

(Q) quinolyl,

(R) tetrazolyl,

25 (S) thiadiazolyl,

(T) thiazolyl,

(U) thienyl,

(V) triazolyl,

(W) azetidinyl,

30 (X) 1,4-dioxanyl,

(Y) hexahydroazepinyl,

(Z) piperazinyl,

(AA) piperidinyl,

(AB) pyrrolidinyl,

(AC) tetrahydrofuryl, and
(AD) tetrahydrothienyl,

and wherein the heterocycle is unsubstituted or substituted with one or more substituent(s) selected from:

(i) C₁₋₆ alkyl, unsubstituted or substituted with halo, -CF₃, -OCH₃, or phenyl,
(ii) C₁₋₆ alkoxy,
(iii) oxo,
(iv) hydroxy,
(v) thioxo,
(vi) -SR⁹, wherein R⁹ is as defined above,
(vii) halo,
(viii) cyano,
(ix) phenyl,
(x) trifluoromethyl,
(xi) -(CH₂)_m-NR⁹R¹⁰, wherein m is 0, 1 or 2, and R⁹ and R¹⁰ are as defined above,
(xii) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(xiii) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(xiv) -CO₂R⁹, wherein R⁹ is as defined above, and
(xv) -(CH₂)_m-OR⁹, wherein m and R⁹ are as defined above;

(3) C₂₋₆ alkenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:

(a) hydroxy,
(b) oxo,
(c) C₁₋₆ alkoxy,
(d) phenyl-C₁₋₃ alkoxy,
(e) phenyl,
(f) -CN,
(g) halo,

5 (h) $-\text{CONR}^9\text{R}^{10}$ wherein R^9 and R^{10} are as defined above,
(i) $-\text{COR}^9$ wherein R^9 is as defined above,
(j) $-\text{CO}_2\text{R}^9$, wherein R^9 is as defined above,
(k) heterocycle, wherein the heterocycle is as defined above;

10 (4) $\text{C}_2\text{-6 alkynyl}$;
(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
(a) hydroxy,
(b) $\text{C}_1\text{-6 alkoxy}$,
(c) $\text{C}_1\text{-6 alkyl}$,
(d) $\text{C}_2\text{-5 alkenyl}$,
(e) halo,
15 (f) $-\text{CN}$,
(g) $-\text{NO}_2$,
(h) $-\text{CF}_3$,
(i) $-(\text{CH}_2)_m\text{-NR}^9\text{R}^{10}$, wherein m , R^9 and R^{10} are as defined above,
20 (j) $-\text{NR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
(k) $-\text{NR}^9\text{CO}_2\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
25 (l) $-\text{CONR}^9\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
(m) $-\text{CO}_2\text{NR}^9\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
(n) $-\text{COR}^9$, wherein R^9 is as defined above;
30 (o) $-\text{CO}_2\text{R}^9$, wherein R^9 is as defined above;

R₂ and R₃ are independently selected from the group consisting of:

(1) hydrogen,
(2) $\text{C}_1\text{-6 alkyl}$, unsubstituted or substituted with one or more of the substituents selected from:

(a) hydroxy,
(b) oxo,
(c) C1-6 alkoxy,
(d) phenyl-C1-3 alkoxy,
5 (e) phenyl,
(f) -CN,
(g) halo,
(h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined
10 above,
(j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
(k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
15 (l) -COR⁹, wherein R⁹ is as defined above, and
(m) -CO₂R⁹, wherein R⁹ is as defined above;
(3) C₂-6 alkenyl, unsubstituted or substituted with one or more
20 of the substituent(s) selected from:
(a) hydroxy,
(b) oxo,
(c) C1-6 alkoxy,
(d) phenyl-C1-3 alkoxy,
(e) phenyl,
25 (f) -CN,
(g) halo,
(h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined
above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above;
30 (4) C₂-6 alkynyl;
(5) phenyl, unsubstituted or substituted with one or more of the
substituent(s) selected from:
(a) hydroxy,
(b) C1-6 alkoxy,

5

- (c) C₁₋₆ alkyl,
- (d) C₂₋₅ alkenyl,
- (e) halo,
- (f) -CN,
- (g) -NO₂,
- (h) -CF₃,
- (i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
- (j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
- (n) -COR⁹, wherein R⁹ is as defined above;
- (o) -CO₂R⁹, wherein R⁹ is as defined above;

10

and the groups R¹ and R² may be joined together to form a heterocyclic ring selected from the group consisting of:

25

- (a) pyrrolidinyl,
- (b) piperidinyl,
- (c) pyrrolyl,
- (d) pyridinyl,
- (e) imidazolyl,
- (f) oxazolyl, and
- (g) thiazolyl,

30

and wherein the heterocyclic ring is unsubstituted or substituted with one or more substituent(s) selected from:

- (i) C₁₋₆alkyl,
- (ii) oxo,
- (iii) C₁₋₆alkoxy,
- (iv) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(v) halo, and
(vi) trifluoromethyl;

and the groups R² and R³ may be joined together to form a carbocyclic ring selected from the group consisting of:

5 (a) cyclopentyl,
(b) cyclohexyl,
(c) phenyl,

and wherein the carbocyclic ring is unsubstituted or substituted with one or more substituents selected
10 from:

(i) C₁₋₆alkyl,
(ii) C₁₋₆alkoxy,
(iii) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
15 (iv) halo, and
(v) trifluoromethyl;

and the groups R² and R³ may be joined together to form a heterocyclic ring selected from the group consisting of:

20 (a) pyrrolidinyl,
(b) piperidinyl,
(c) pyrrolyl,
(d) pyridinyl,
(e) imidazolyl,
25 (f) furanyl,
(g) oxazolyl,
(h) thienyl, and
(i) thiazolyl,

and wherein the heterocyclic ring is unsubstituted or substituted with one or more substituent(s) selected
30 from:

(i) C₁₋₆alkyl,
(ii) oxo,
(iii) C₁₋₆alkoxy,
(iv) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,

(v) halo, and
(vi) trifluoromethyl;

R₆, R₇ and R₈ are independently selected from the group consisting of:

5 (1) hydrogen;
(2) C₁₋₆ alkyl, unsubstituted or substituted with one or more
of the substituents selected from:
(a) hydroxy,
(b) oxo,
10 (c) C₁₋₆ alkoxy,
(d) phenyl-C₁₋₃ alkoxy,
(e) phenyl,
(f) -CN,
(g) halo,
15 (h) -NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(i) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
(j) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
20 (k) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined
above,
(l) -COR⁹, wherein R⁹ is as defined above, and
(m) -CO₂R⁹, wherein R⁹ is as defined above;

25 (3) C₂₋₆ alkenyl, unsubstituted or substituted with one or
more of the substituent(s) selected from:
(a) hydroxy,
(b) oxo,
(c) C₁₋₆ alkoxy,
30 (d) phenyl-C₁₋₃ alkoxy,
(e) phenyl,
(f) -CN,
(g) halo,

5 (h) -CONR⁹R¹⁰ wherein R⁹ and R¹⁰ are as defined above,
(i) -COR⁹ wherein R⁹ is as defined above,
(j) -CO₂R⁹, wherein R⁹ is as defined above;

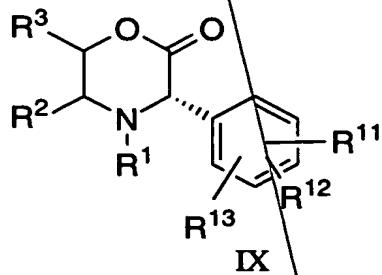
10 (4) C₂-6 alkynyl;
(5) phenyl, unsubstituted or substituted with one or more of the substituent(s) selected from:
(a) hydroxy,
(b) C₁-6 alkoxy,
(c) C₁-6 alkyl,
(d) C₂-5 alkenyl,
(e) halo,
(f) -CN,
(g) -NO₂,
15 (h) -CF₃,
(i) -(CH₂)_m-NR⁹R¹⁰, wherein m, R⁹ and R¹⁰ are as defined above,
(j) -NR⁹COR¹⁰, wherein R⁹ and R¹⁰ are as defined above,
20 (k) -NR⁹CO₂R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(l) -CONR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
25 (m) -CO₂NR⁹R¹⁰, wherein R⁹ and R¹⁰ are as defined above,
(n) -COR⁹, wherein R⁹ is as defined above;
(o) -CO₂R⁹, wherein R⁹ is as defined above;

30 (6) halo,
(7) -CN,
(8) -CF₃,
(9) -NO₂,
(10) -SR¹⁴, wherein R¹⁴ is hydrogen or C₁-6alkyl,
(11) -SOR¹⁴, wherein R¹⁴ is as defined above,
(12) -SO₂R¹⁴, wherein R¹⁴ is as defined above,

(13) $\text{NR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
(14) $\text{CONR}^9\text{COR}^{10}$, wherein R^9 and R^{10} are as defined above,
(15) NR^9R^{10} , wherein R^9 and R^{10} are as defined above,
(16) $\text{NR}^9\text{CO}_2\text{R}^{10}$, wherein R^9 and R^{10} are as defined above,
5 (17) hydroxy,
(18) $\text{C}_1\text{-6alkoxy}$,
(19) COR^9 , wherein R^9 is as defined above,
(20) CO_2R^9 , wherein R^9 is as defined above,
(21) 2-pyridyl,
10 (22) 3-pyridyl,
(23) 4-pyridyl,
(24) 5-tetrazolyl,
(25) 2-oxazolyl, and
(26) 2-thiazolyl;

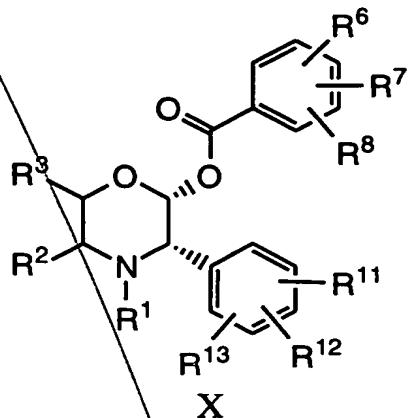
15 R^{11} , R^{12} and R^{13} are independently selected from the definitions of
 R^6 , R^7 and R^8 ;
 Z is $\text{C}_1\text{-6 alkyl}$;

20 which comprises contacting a compound of formula IX:



wherein R^1 , R^2 , R^3 , R^{11} , R^{12} and R^{13} are defined as above;
with a hydride reducing agent selected from a group consisting of:
diisobutylaluminum hydride: lithium tri(sec-butyl)borohydride: and
25 lithium aluminum hydride; in an organic solvent at low temperature;
followed by acylation of the resultant alcohol/alkoxide with a substituted
benzoyl halide, substituted benzoic anhydride, substituted benzoic mixed
anhydride or substituted activated benzoate ester (e.g. p-nitrophenyl

ester or N-hydroxysuccinimide ester), in which the phenyl ring of these acylating agents is substituted with R⁶, R⁷, and R⁸ as defined above, in an organic solvent at low temperature for a sufficient time to produce a compound of structural formula X:



5

and subsequently contacting the compound of formula X with a titanium ylide (generated from reagents selected from: μ -chloro- μ -methylene-(bis(cyclopentadienyl)titanium)dimethylaluminum; or dimethyl

10 titanocene; or the reagent prepared by the reduction of a 1,1-dibromoalkane with zinc and titanium tetrachloride in the presence of N,N,N',N'-tetramethylethylenediamine) to afford an enol ether which is then hydrogenated in the presence of a catalyst selected from palladium on carbon, platinum on carbon, or rhodium on carbon to

15 afford the compound of formula XI.

add
A1